

PASS System and User Requirements Update

Christina Swinson



Outline

- SC User Facility: Satisfying New Requirements
- New On-line Proposal Submission and User Tracking System (PASS)
 - User Registration
 - Declaring Collaborators
 - Petition for Continuance (Time Request)
- New Procedures for Active Experiments
 - Concluded Experiment Report
 - End-of-Run Survey
- New E-log System

An Office of Science User Facility: Satisfying New Requirements

- Users reporting, including accounting experiment time by experiment and individual user
- Accounting of experiment throughput
- Logging users output, publications etc.
- Collecting user feedback
- Detailed operations reporting


PASS

(Proposals, Allocation, Safety, Scheduling)

PASS

Proposals, Allocation, Safety, Scheduling

[Home](#)
[My Proposals](#)
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Welcome Christina Swinson

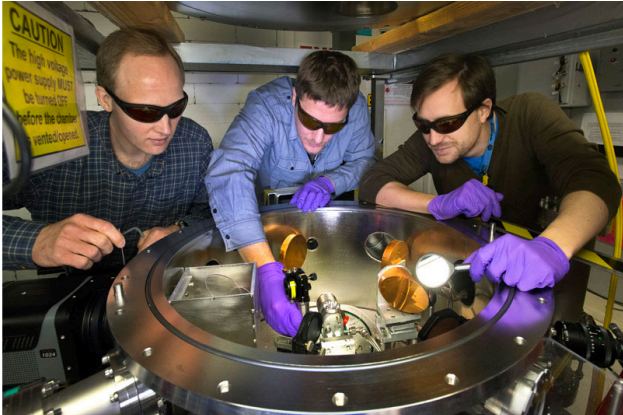
[PASS Admin]

ALS

ATF

NSLS-II

SSRL



Announcements

Welcome to the Proposal Allocation, Safety, and Scheduling (PASS) system

The ATF is now accepting proposals through the PASS system.

NOTE: The next proposal deadline is Tuesday, September 1, 2015.

Please note that an SAF is **NOT** required for ATF proposals

- Proposal submission
- Feasibility review
- Program Advisory Committee (PAC) reviews
- Experiment time requests & Allocation
- User tracking

User Registration

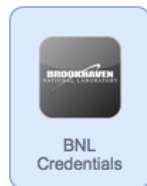
All users **MUST** be registered in the PASS system to facilitate our DOE reporting. This is now a condition for user facility access across BNL.



BNL Federated Login

Select an authentication source

You must log in to this application with one of the account types listed below.



You are accessing an application protected by BNL's Federated Login service. To access this application, you must select one of the login providers listed above. [\[More Info\]](#)

By choosing one of the login providers, you agree to adhere to BNL's [Privacy and Security Policy](#).

Registration is simple:

- Go to pass.bnl.gov
- Sign in with a Google account
- Fill out your name and guest number (if you have one)
- Your PI may now add you as a collaborator on their proposal

Collaborators

PASS
Proposals, Allocation, Safety, Scheduling

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Create New Proposal

My Proposal List

Create New Proposal

Proposal ID	Title	Proposal Type	Expiration Date	PI	User Facility
301375	Christina's ATF Proposal	ATF Non-proprietary User		Christina Swinson	ATF
301301	Christina's Test Experiment	Ultrafast Electron Diffraction		Christina Swinson	ATF
301298	(empty)	ATF Proprietary User		Christina Swinson	ATF
300512	AE-76: High Duty Cycle Inverse Free Electron Laser	ATF Non-proprietary User	9/30/2020	Alex Murokh	ATF

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Proposals, Allocation, Safety, Scheduling

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My Proposal

Proposal ID	Title	Proposal Type	Principal Investigator	User Facility
301375	Christina's ATF Proposal	ATF Non-proprietary User	Christina Swinson	ATF

Title Proposal Information Experimenters Research Required Information Attachments Time Request Notes

	First Name	Last Name	Institution	Email	Co PI	Lead Experimenter	Can Read	Can Edit	Remote User	Coming to BNL	
<input checked="" type="radio"/> Edit	Alyssa	Petrone	Brookhaven National Laboratory	apetrone@bnl.gov		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="button" value="Delete"/>

PI: Christina Swinson
Creator: Christina Swinson

To associate someone with this proposal (including the PI, Co-PI, collaborators, etc.) first search for the person using the search bar below. If they are not found, click the "Add New Person" button below and you will be prompted to enter their name and email. Once the person is found (or entered), click the radio-button next to their name and then click the "Add Experimenter" button (which appears after clicking the radio-button) at the bottom of the search results list. The name chosen will be added to the list of experimenters above.

The status of each experimenter listed can be assigned by clicking the, "Edit" button next to each name.

Last Name

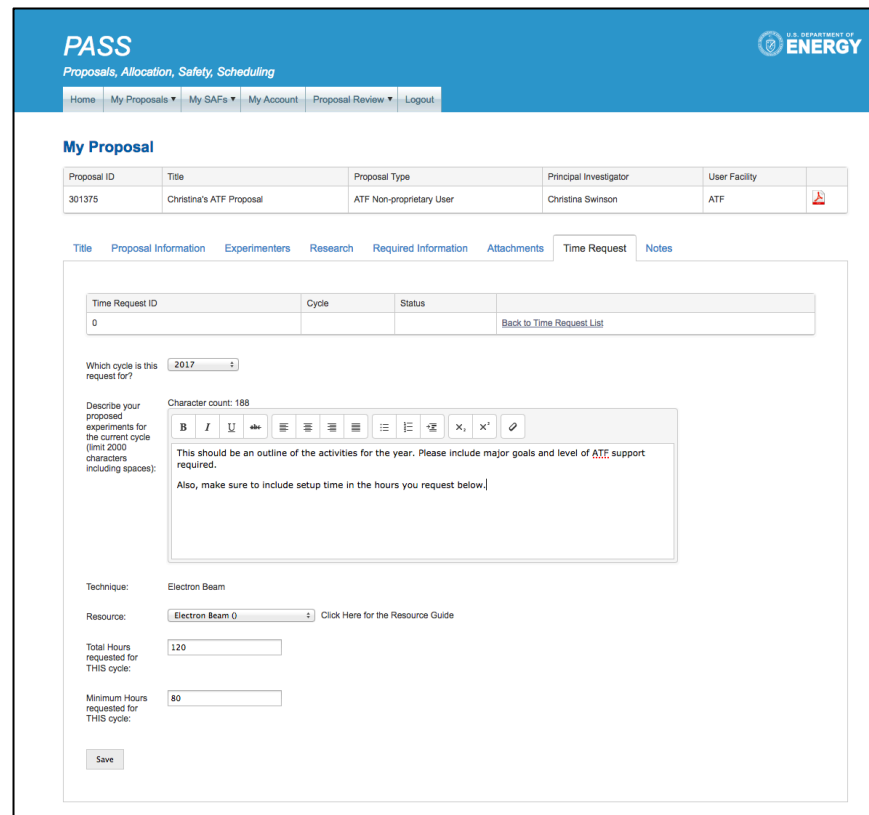
	First Name	Last Name	Institution	Email Address	BNL ID	User ID
<input type="radio"/>	Igor	Pogorelsky	Brookhaven National Laboratory	igor@bnl.gov	19752	300435

Please list all collaborators, even those not working on-site

Email Kelly Guiffreda guiffreda@bnl.gov for PASS system support

New Procedures for Active Experiments

- Proposals are valid for 3 years (contingent on annual approval) with a possible 1 year extension (Old experiments to expire end FY17)
- Time requests must be submitted annually, just prior to the users meeting, in the PASS system
- A written report is now required at the end of the three years or whenever the experiment concludes
- A short end-of-run survey has been implemented
 - Helps to compare accomplishments and expectations
 - Gives feedback as to what improvements can be made and what works
 - Account of resources used
 - Document achievements and estimate future run requirements



E-log

- Available throughout the Lab's wired network, and
- In the Experiment Hall, CO₂, FEL & Control Rooms
- Planned expansion to the Lab's wireless network, and
- Outside of the Lab

Experiments Accelerator Lasers Shift Summaries


User Experiments, Page 1 of 1

Logged in as "Christina Swinson"

ELOG

New | Find | Select | Import | Config | Logout | Last day | Help

Full | Summary | Threaded

 -- All entries -- -- Type -- 5 Entries

ID	Date	Author	email	Type	Category	Subject	Text	
5	Fri Sep 2 17:32:08 2016	Phuc Hoang	hoangpd@ucla.edu	AE39	Shift Summary	UCLA DWFA Woodpile experiment	UCLA: P. Hoang, N. Sudar ATF: K. Kusche, C. Swinson Objectives:	
4	Thu Sep 1 19:48:50 2016	Phuc Hoang	hoangpd@ucla.edu	AE39	Shift Summary	UCLA DWFA	UCLA: G. Andonian, P. Hoang, N. Sudar ATF: K. Kusche, C. Swinson * Problem with the phase shifter	
3	Wed Aug 31 17:15:32 2016	Phuc Hoang	hoangpd@ucla.edu	AE39	Shift Summary	Woodpile DWFG run Day#2	Spent the morning aligning the woodpile sturcute to the local HeNe, with and without the cylindrical lens (line focus).	
2	Wed Aug 17 18:14:05 2016	Christina Swinson from 127.0.0.1	cswinson@bnl.gov	AE70	Shift Summary	Brems study & IFEL	8030 Linac startup by Karl, QE = 0.021 nC/uJ 1130 break for CO2 alignment	
1	Tue Aug 16 15:09:30 2016	Christina Swinson from 127.0.0.1	cswinson@bnl.gov	AE70	Shift Summary	Brems study & IFEL	8030 Linac startup, QE = 0.022 nC/uJ 1000 Bems study 1245 Break for Lunch	

Resources

www.bnl.gov/atf - see the *users' place*, and the *Apply for Access* page, on the ATF website for information on site access, experiment scheduling etc.

People

- Mark Palmer mpalmer@bnl.gov ATF director
- Igor Pogorelsky igor@bnl.gov for CO₂ laser scheduling.
- Mikhail Fedurin fedurin@bnl.gov for ebeam scheduling.
- Karl Kusche kusche@bnl.gov for safety, training and installations - *users must communicate with Karl to ensure that they have an experimental safety review (ESR) in place before they schedule beam time.*
- Kelly Guiffreda guiffreda@bnl.gov for PASS system support

Summary

- FY17 will see full implementation of systems trialed over the past couple of years
- Experiments will have a 3 year lifetime, contingent on annual approval, with a possible further year case-by-case
- Old (pre-FY16) proposals will expire at the end of this year
- Users will submit proposals and petitions for continuance (time requests) through the PASS system
- End-of-run survey will be made available for completion, by the lead on-site experimenter, after each experiment run.
- PIs will ensure all collaborators are registered in the PASS system and list them with each proposal
- Systems implemented to improve ATF efficiency and driven by BNL user tracking and DOE reporting requirements



www.bnl.gov/atf